&Photo



▲ SE01-02-02a,b,c looking east at the entrance to Very Inlet.

Free-oil Containment

Exclusion Booming

Protected-water

Tidal-seal Boom

and Recovery, Shallow Water trategi

5

Jeographic

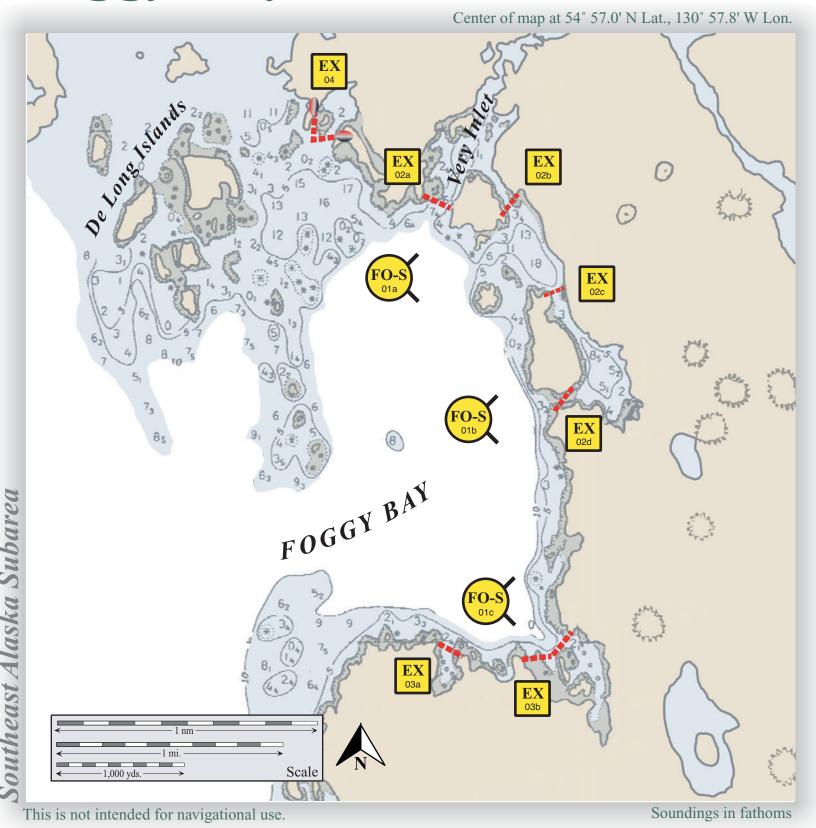


SE01-02-02a & 04 looking northwest at the entrance to Very Inlet.



■ SE01-02-03 Foggy Bay south shore looking towards the east.

Foggy Bay, SE01-02



June 26, 2003

Tim L. Robertson

Southeast Alaska Geographic Response Strategies

June 26, 2003

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE01-02-01	Foggy Bay Nearshore waters in the general area of: a. Lat. 54°57.5 N Lon. 130°57.9 W b. Lat. 54° 56.9 N Lon. 130° 57.2 W c. Lat. 54° 56.1 N Lon. 130° 57.3 W	Nearshore Free-oil Recovery Maximize free-oil recovery inside of Foggy Bay.	Deploy free-oil recovery strike teams upwind and up current of oil coming into Foggy Bay. Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Ketchikan/marine vessel	Via marine waters	Same as SE01-02-02	Vessel masters should have local knowledge.
SE01-02-02	Entrance to Very Inlet a. Lat. 54° 57.5 N Lon. 130° 57.8 W b. Lat. 54° 57.6 N Lon. 130° 57.3 W c. Lat. 54° 57.4 N Lon. 130° 57.2 W d. Lat. 54° 56.9 N Lon. 130° 56.9 W	Exclusion Exclude oil from entering Very Inlet and intertidal area south of Very Inlet.	Use class 2 and class 3/4 vessels with deck space to transport equipment class 6 setnet or seine skiffs to deploy boom and set anchors. Place boom at the entrances to Very Inlet and across the entrances to the small cove behind the island to the southeast of the Inlet. Boom Arrays a. 700 ft. b. 500 ft. c. 400 ft. d. 500 ft.	Deployment Equipment 2100 ft. protected-water boom 20 ea. anchor systems (~40 lbs.) 16 ea. anchor stakes Vessels 1 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel / shift 15 ea. vessel crew Tending Vessels 1 ea. class 3/4 2 ea. class 6 Personnel / shift 5 ea. vessel crew	Ketchikan/marine vessel	Via marine waters	Marine mammals- Steller sea lion haulouts and rookeries (500 yd. exclusion zone), harbor seal haulouts and rookeries Fish-herring spawning, intertidal salmon spawning (pink, chum, coho, steelhead) Birds-waterfowl concentrations >150 (winter) Human use-commercial herring fishery	FOSC Historic Properties Specialist should MONITOR on-site operations. See Figure G-3-2 for equipment locations. Tested: not yet Surveyed: 4/15/03 ADEC, SEAPRO
SE01-02-03	South Foggy Bay a. Lat. 54° 56.0 N Lon. 130° 57.5 W b. Lat. 54° 56.0 N Lon. 130° 56.9 W	Exclusion Exclude oil from entering small coves at south end of Foggy Bay.	Place 1500 ft. of protected-water boom in a chevron pattern, with a anchor stake on the island in the middle of the cove at the apex, across eastern cove, and 600 ft. across western cove. Boom Arrays a. 600 ft. b. 1500 ft.	Deployment Equipment 2100 ft. protected-water boom 22 ea. anchor systems (~40 lbs.) 10 ea. anchor stakes Vessels /Personnel/Tending Same as SE01-02-02	Ketchikan/marine vessel	Via marine waters	Same as SE01-02-02	Tested: not yet Surveyed: 4/15/03 ADEC, SEAPRO
SE01-02-04	Small island North of Very Inlet Lat. 54° 58.1 N Lon. 130°58.4 W	Exclusion Exclude oil from small island north of Very Inlet	Place 1000 ft. of protected-water boom, in a chevron pattern, with a 60+ anchor at the apex and tidal-seal on both ends around small island and extending to headlands.	Deployment Equipment 1000 ft. protected-water boom 12 ea. anchor systems (~40 lbs.) 1 ea. anchor system (≥60 lbs.) 100 ft. tidal-seal boom 4 ea. anchor stakes Vessels /Personnel/Tending Same as SE01-02-02	Ketchikan/marine vessel	Via marine waters	Same as SE01-02-02	Tested: not yet Surveyed: 4/15/03 ADEC, SEAPRO